

BLENDER LABORATORY PULSIFIER

MANUFACTURER: K&R TECHNOLOGIES

Manufacturer Model# 24-E-001

Manufacturer's PHONE: (301) 662-6835 FAX: (301) 662-8096

Item Web Link:

<http://800ezmicro.com/index.php/Sample-Preparation-Units/pulsifier.html>

AAC 'L' ITEM NSN 6640-01-533-2171

USAMMA POC: Customer Relationship Management 301-619-1288/4301 - DSN 343-1288/4301

UNIT PRICE: \$5,885.00

System Description: The pulsifier is a new alternative to paddle type blenders for sample preparation. The unit incorporates an oscillating ring as opposed to paddles. In most food types, pulsification has shown to be less destructive to the sample, producing lower concentrations of debris, which benefits the user in a number of ways. Certain inhibitory compounds can be released during mastication which can interfere with PCR and biochemical ID tests. This will also produce less interference during plating, counting, pipetting and filtration of samples. The unit incorporates an oscillating ring which cycles at 3000 rpm. A 400 mL sample bag is placed onto this oscillating ring, producing a combination of shockwaves and intense stirring which drives the microbes into suspension. This method has been proven to recover organisms at the same rate as paddle type blenders. A programmable digital display is used for cycle times, program setting and pause feature. There is also a self-contained area at the bottom of the instrument capable of collecting a complete sample volume in the event of spills or leaks. The lid has a unique locking device so the bag is sealed tightly to prevent aerosol release. This hinged lid can also be released for easy clean-up. The pulsifier offers processed samples that are more compatible with the demands of rapid microbiology methods by providing reduced food matrix destruction and a cleaner aqueous phase.



BLENDER LABORATORY PULSIFIER
PART # 24-E-001
NSN 6640015332171



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**BLENDER LABORATORY PULSIFIER
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

Item Dimensions	Height (Inches)	12.6
	Width (Inches)	12.6
	Length (Inches)	18.11
	Cube (Cubic Feet)	1.6639
	Weight	18.74 lbs
Ship Dimensions	Height (Inches)	
	Width (Inches)	
	Length (Inches)	
	Cube (Cubic Feet)	
	Weight	
Storage Temp		50F to 104 °F
Operating Temp		50 to 104 °F
Storage Humidity		5 to 90% Non-condensing
Operating Humidity		5 to 90% Non-condensing
Amps		1
Watts		115
Power Requirements	115 VAC, 60 Hz Fuse – 2 amp, Type of Fuse T2AH	
Notes		

**BLENDER LABORATORY PULSIFIER
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN K&R Technologi es	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640015332171		Blender Laboratory Pulsifier	24-E-001		1	EA	\$5,885.00	\$5,885.00	N/A
	No NSN Required	Operation/Maintenance Manual	24-P002		2	EA	Incl w/NSN 2171	Incl w/NSN 2171	N/A
6640015331829		Blender Bags (Case of 500) 175 mm X 250 mm (250ml Capacity)	24-C-025		1	500/PG	Incl w/NSN 2171	Incl w/NSN 2171	24